

SECRET/NOFORN-SKEET CHANNELS ONLY

PROJECT SUN STREAK (U)

WARNING NOTICE: INTELLIGENCE SOURCES AND METHODS INVOLVED

Session Procedures Report (S/NF/SK)

PROJECT NUMBER: 8709

SESSION NUMBER: 4

DATE OF SESSION: 21 AUG 87

TARGET COUNTRY: UR

REFERENCE:

MISSION STATUS:

TECHNIQUE UTILIZED: CRV

SOURCE IDENTIFIER: 011

1. (S/NF/SK) Monitor Tasking: Describe the Soviet counterpart to the US "Stealth" aircraft.
2. (S/NF/SK) Source Tasking: (a) Is there a counterpart (located somewhere else) to the aircraft described in the previous sessions? If so, describe it. (b) What is the purpose of the aircraft? (c) Where would it be based? (d) Describe an operation.
3. (S/NF/SK) Summary: Source immediately perceived the concept of "Stealth", whereupon the monitor decided to read the Source on to the subject in its entirety. Summary (including post-session debrief and sketches) attached.
4. (S/NF/SK) Comments: Long breaks taken between each sub-task, or "cue". It is the monitor's opinion that the Source is describing the Soviet exoatmospheric aircraft project. The concept employed, although unique and futuristic, is not known to incorporate "Stealth". This session should prove particularly valuable to DIA-DT.

SG1J



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CLASSIFIED BY: DIA-DT  
DECLASSIFY : OADR

## SESSION SUMMARY

SESSION: 21 AUG 87, 0823-0927hrs

Q. Is there a counterpart to the aircraft described in the previous session?

A. Yes and no. The idea has been conceptualized. There appears to be a ~~scale model~~ that is being tested at this time. The body is flat and wide, the leading edge of the wings start almost at the nose of the aircraft, and this vehicle is "High-Tech", incorporating the "STEALTH" concept. *such as the flying wing*

Q. What is the purpose of this aircraft?

A. At this point, it is strictly experimental. Its unique properties are high altitude and radar. I'm not sure whether the aircraft has a unique radar, or a unique radar profile.

Q. Where would this aircraft be based?

A. Somewhere to the far north, near a northern coastline. This aircraft will need a very long runway to operate from. It is very cold and dark here.

Q. Describe this aircraft in operation.

A. Aircraft is heading north... over the North Pole, or to the northeast. It is traveling at a very high altitude. It is so high that there is not enough oxygen to operate a normal engine. The engines of this aircraft are dual functioning, they operate normally in an atmosphere, but require some sort of liquid gas, under pressure, to operate out of the atmosphere. This is a new technology.

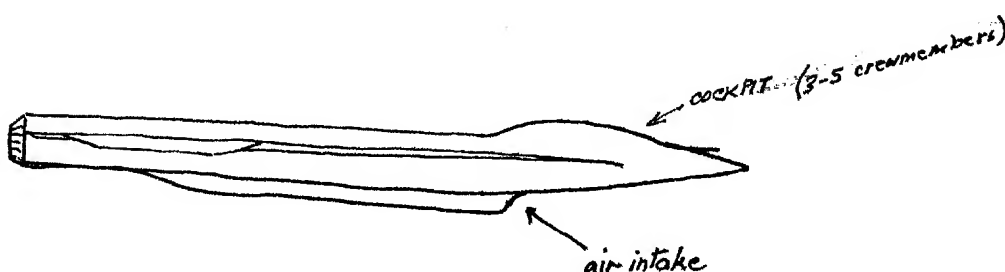
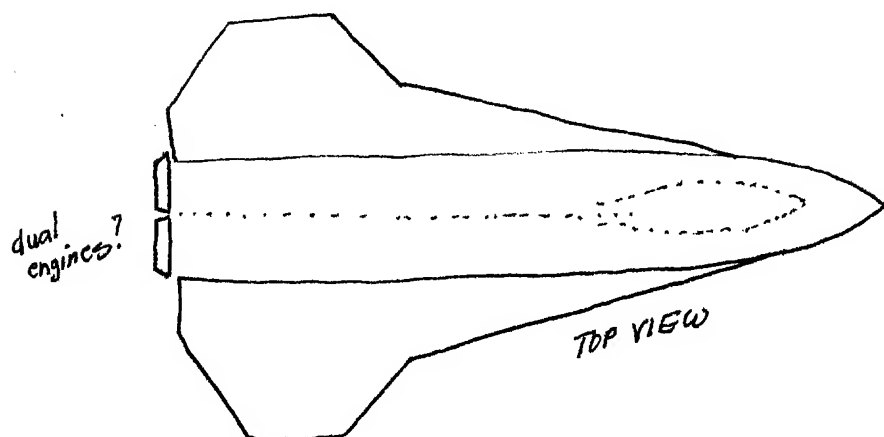
## POST SESSION ANALYSIS

SESSION: 21 AUG 87, 0823-0927 hrs

The concept of this aircraft is radical and advanced. It is high-tech and stealth-like. Its' purpose is to ~~operate~~ within and outside of the earth's atmosphere. AOL matching indicates a dual purpose, like a cross between (an SR-71 and <sup>also</sup> ~~original~~ <sup>US</sup> aircraft a Space Shuttle.

I feel that the design and testing of this vehicle is not being conducted by the people or agency that are responsible for the design of experimental aircraft. It is being designed and ~~tested~~ within the Space Program and at Space Research <sup>Spuit</sup> Facilities.

For first signs of this vehicle keep an eye on the Space Research and Testing facilities.



P.I.s - none  
A.Y.s - none  
STAGE IV

SG1J

21 AUG 87  
0823 hrs

S-2 D AI EI T I AOL A/S

COUNTERPART?

HIGH-TECH  
STEALTH

dark  
black

angles  
pointed  
round  
curving

model testing wind tunnel

wing unusual

PURPOSE? High altitude

radar screen experimental

BASE?

North  
for north  
coastline - near northern coast

cold  
dark  
d.

darkness

long runway - needs very long runway

ORIENTATION?

NORTH

NORTH POLE

OR

EAST

NORTH-EAST

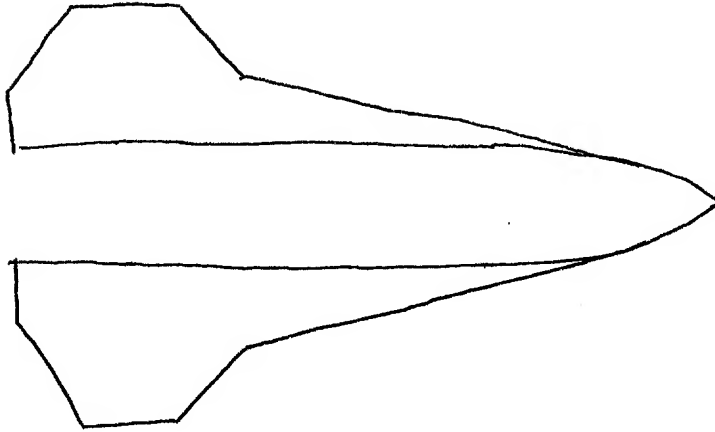
HIGH ALTITUDE

VERY HIGH

HIGH ALTITUDE?

$\frac{1}{2}$  - not enough oxygen to operate engines - must carry supplemental liquid oxygen for engines. Dual type of engine - new technology - can operate in atmosphere - or for limited time in very thin atmosphere.

Conceptual only - not yet successfully tested. ENDS - 0927 hrs



$4\frac{1}{2}$  - wide, flat, body ---- leading edge of wings  
start almost at nose. Slowly tapering back.

AOL

reminds me of space  
shuttle-type design.